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The South Carolina State Board For Technical And Comprehensive Education

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Annual Report

FISCAL YEAR 1982-83

111 Executive Center Drive
Columbia, South Carolina

TEC Works So South Carolina Can

The South Carolina State Board For Technical And Comprehensive Education

Annual Report

FISCAL YEAR 1982-83

111 Executive Center Drive
Columbia, South Carolina

G. William Dudley, Jr.
Executive Director

Francis L. Bell
Chairman

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August, 1983

To His Excellency, Governor Richard W. Riley, Jr., Chairman of the State Budget and Control Board and Members of the South Carolina General Assembly.

During the past fiscal year, technical education has offered training for South Carolinians seeking profitable job opportunities and more marketable job skills. Many workers became displaced as cutbacks and layoffs took place in industry.

Our technical colleges rallied to provide citizens in their service areas with job skill evaluations, interviewing skills and confidence to train for other job opportunities.

Through our operating budget of $109,521,996, TEC supported special schools for new and expanding industry, continued cooperation with the State Development Board to recruit industry, supported administration of the 16 technical colleges and initiated or expanded job training programs.

Five of the six resource centers have been active this fiscal year providing workshops for faculty, staff, students, business and industry. Our resource centers in computer applications, robotics, microelectronics, advanced machine tool technology and advanced office occupations are making their impact on the TEC System and the state. The water quality institute will be open next year in Sumter.

To complement the training in the advanced machine tool technology resource center, TEC introduced the state to its two mobile training units in January. These units have advanced machine tool equipment for training and have been rotating among the technical colleges. They will be placed at Orangeburg-Calhoun TEC and Florence-Darlington TEC.

TEC continues on its mission to train citizens for known job opportunities. TEC will continue to offer training and expand our programs to meet the growing demands of industry and business in South Carolina.

Sincerely,

FRANCIS L. BELL
Chairman

1982-83
THE STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION

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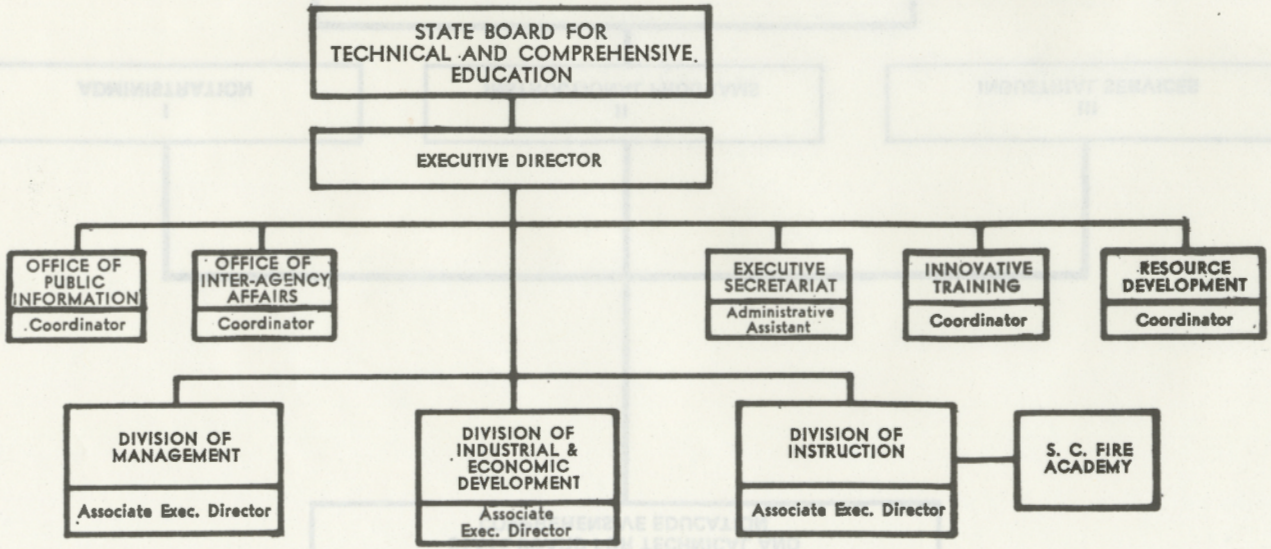
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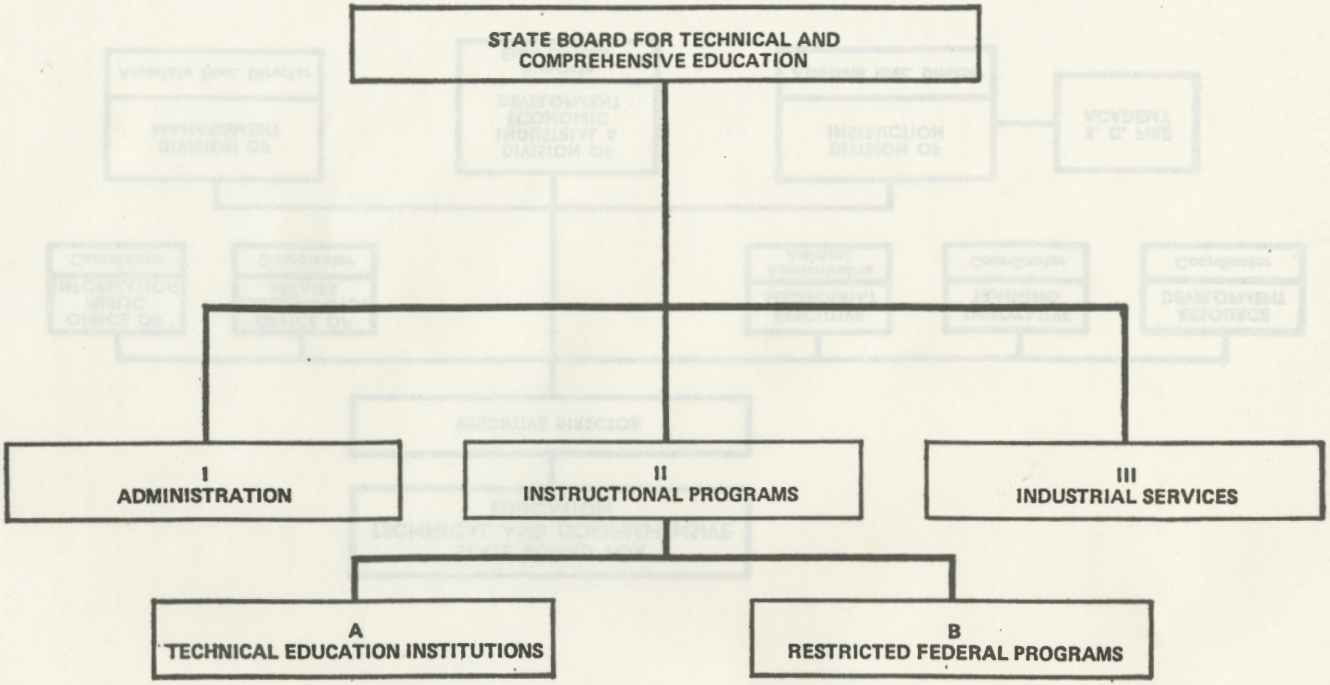

STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION

Description of Programs — Program Chart

I. Administration

The State Board is required by statute to carry out specific responsibilities relating to the efficient management of a postsecondary occupational training program in South Carolina. These specific responsibilities include long range planning as well as policy insuring educational and fiscal accountability for the TEC System colleges. Additional support functions include the coordination of Personnel Administration, Grants Development, Public Information and Interagency Affairs. The efforts of the State Board staff are focused towards carrying out legislative mandates, policies of the State and TEC Board, and providing service to the TEC institutions. Program services to be provided consist of day-to-day maintenance of management systems, on-call demand services, peer group meetings, and periodic workshop and seminar activities.

II. Instructional Program

A. *TEC Colleges*

This function contains the organized institutional educational programs of the agency. It includes sixteen (16) postsecondary educational colleges located throughout the State. The colleges represent a cooperative effort of state and local government working together to provide training for local citizens. The colleges offer special certificates, one-and-two-year diplomas and associate degree occupational education programs in a broad range of categories.

Also continuing education is closely oriented to the community job market. The colleges operate within the policies, guidelines and procedures of the State TEC Board and are administered locally by Area Commissions.

B. *Fire Academy*

The South Carolina Fire Academy offers off-campus as well as on-campus training programs to firefighters (paid, volunteer, and industrial) around the state. The Fire Academy operates under the State Board for Technical and Comprehensive Education.

The Academy is composed of five divisions: Firefighter Development, Fire Officer Development, Fire Instructor Development, Fire

Investigator/Inspector/Public Fire Education, and Industrial Fire training.

Courses offered on-campus within the Firefighter Development Division include Firefighting Essentials I and II, respiratory protection practices, standard pumper test, pumper operations and standpipe operations. All of these courses (except Essentials I and II) are offered in the field as well as the basic firefighting fundamentals course.

C. *Restricted Federal Programs*

The State Board for Technical and Comprehensive Education is the responsible agency for all classroom training under the Comprehensive Employment and Training Act. This training is provided in a variety of occupational disciplines — Welding, Production Machine Operation, LPN, Bookkeeping, Maintenance Mechanic, Carpentry, Retail Sales, Electricity, Sheet Metal, Auto Body Repair, Auto Mechanic, Machine Tool Operator, etc., as well as Developmental Education for those who need it before they can enter one of the regular courses. This instructional subprogram addresses the training needs of a particular socio-economic group that requires job-entry skills. This program does not attempt to teach the individual a complex mix of skills and does not have the same purpose as the State funded curriculum programs. Also under this category are specific federal grants and matching funds which provide adjunct support to the state funded training programs.

III. Industrial Services

This division is responsible for the design, implementation and supervision of training programs for the initial labor force for new and expanding industry. Further, the Industrial Services Division provides industrial relations support to established industry through identification of training needs of the Technical Colleges.

PERTINENT FACTS ABOUT TECHNICAL EDUCATION

History: TEC was begun in 1961 to stimulate economic growth in South Carolina through the provision of occupational training for the people. Demands from employers and students led to the development of Agriculture, Business, Engineering, Health Related, Industrial/Occupational and Public Service Careers curricula which are offered through the 16 statewide TEC colleges. TEC exists to meet the needs of South Carolina and her people.

Awards: Associate Degrees, Diplomas and Certificates are presented to students successfully completing a prescribed program of study.

Faculty: Instructors at TEC come from a variety of educational and industrial backgrounds. Many teach on a full-time basis, while others instruct part-time. They are encouraged to continue their education by pursuing various new courses, in-service training and by returning to industry to stay abreast of current trends. A competent faculty and up-to-date curricula are prerequisites of an effective technical education program.

Areas of Study: Agricultural Technologies; Business Technologies; Engineering Technologies; Health Related Technologies; Industrial/Occupational Technologies; Public Service Technologies and Continuing Education.

DESIGN FOR THE EIGHTIES UPDATE

During fiscal year 1982-83, TEC's "Design for the Eighties" program was active through the resource centers sponsoring workshops and participating in training sessions.

At the computer resource center the TECNET plan was initiated with the purchase of compatible Digital Equipment Corporation minicomputer systems in 11 of the 16 technical colleges. These computers represent approximately four million dollars market value received for less than three million dollars outlay by TEC. Business and industry support and donations to the computer resource center will exceed $100,050 for this year.

The robotics center presented eight industrial seminars at the technical colleges around the state. Personnel from the center visited and consulted local and state business and industry leaders concerning robotics applications and training programs at the resource center.

At the advanced office occupations resource center at Midlands personnel were able to attend a number of training sessions during the year to prepare for instruction on the equipment at the center. Peer group meetings for State TEC office occupations instructors were held each quarter. A video tape presentation was made through joint effort of the South Carolina Employment Security Commission, SC-ETV, and resource center personnel. The program is to be used for career educational and training and retraining efforts in South Carolina.

Training for industry and course plans were conducted by the microelectronics resource center at Tri-County TEC. Numerous groups visited the center and discussions were held with representatives of various companies as to the operation of the center. Governor Dick Riley attended the official opening of the center on April 7 and was the guest speaker.

Workshops have been held for several hundred business and industry representatives through the advanced machine tool technology center. Peer group meetings and state faculty and staff development activities have also been conducted. Cincinnati Milacron consigned to the resource center a T-10 Horizonal Machining Center valued at over $215,000.

In addition to the work at the resource centers, the TEC System introduced two mobile training units to the state in January 1983. These mobile training units contain the same equipment located at the machine tool resource center. Their flexibility will allow the TEC System to provide training to all parts of the state. Each unit has a CNC Bridgeport Mill and Tree CNC lathe and the Numeridex Corporation computerized tape preparation system. The tape preparation system has CRT, keyboard, printer and Hewlett Packard plotter.

During the spring the units were rotated among the technical colleges and will continue to rotate during the next fiscal year. They will be based at Orangeburg-Calhoun TEC and Florence-Darlington TEC.

The water quality institute located at Sumter TEC should open next year. Some workshops and teleconferencing have taken place. A recruiting video tape was prepared to recruit students.

TECHNICAL EDUCATION CAMPUSES

1. Ashley J. Little, *President*
   Aiken Technical College
   Post Office Drawer 696
   Aiken, South Carolina 29801
   Phone: 593-9231
2. George W. Goldsmith, Jr., *President*
   Beaufort Technical College
   100 South Ribaut Road
   Beaufort, South Carolina 29902
   Phone: 524-3380
3. Ronald W. Hampton, *President*
   Chesterfield-Marlboro Technical College
   Post Office Drawer 1007
   Cheraw, South Carolina 29520
   Phone: 537-5286
4. John W. Henry, Jr., *President*
   Denmark Technical College
   Denmark, South Carolina 29042
   Phone: 793-3301
5. Fred C. Fore, *President*
   Florence-Darlington Technical College
   Post Office Drawer 8000
   Florence, South Carolina 29501
   Phone: 662-8151
6. Thomas E. Barton, Jr., *President*
   Greenville Technical College
   Post Office Box 5616, Station B
   Greenville, South Carolina 29606
   Phone: 242-3170
7. D. Kent Sharples, *President*
   Horry-Georgetown Technical College
   Post Office Box 1966, Highway 501
   Conway, South Carolina 29526
   Phone: 347-3186
8. James R. Morris, Jr., *President*
   Midlands Technical College
   P. O. Box 2408
   Columbia, South Carolina 29202
   Airport Campus:
   West Columbia, South Carolina 29169
   Beltline Campus:
   316 Beltline Boulevard
   Columbia, South Carolina 29205
   Harbison Campus:
   Irmo, South Carolina 29063
   Phone: 738-1400
9. M. Rudy Groomes, *President*
   Orangeburg-Calhoun Technical College
   3250 St. Matthews Road, N.E.
   Orangeburg, South Carolina 29115
   Phone: 536-0311
10. Lex D. Walters, *President*
    Piedmont Technical College
    Post Office Drawer 1467
    Greenwood, South Carolina 29646
    Phone: 223-8357
11. Joe D. Gault, *President*
    Spartanburg Technical College
    Post Office Drawer 4386
    Spartanburg, South Carolina 29305
    Phone: 576-5770
12. James L. Hudgins, *President*
    Sumter Area Technical College
    506 North Guignard Drive
    Sumter, South Carolina 29150
    Phone: 778-1961
13. Don C. Garrison, *President*
    Tri-County Technical College
    Post Office Box 587
    Pendleton, South Carolina 29670
    Phone: 646-8361
14. Al H. Rampey, *Interim President*
    William A. Orth, *President 6-20-83*
    Trident Technical College
    P. O. Box 10367
    Charleston, South Carolina 29411
    North Campus:
    7000 Rivers Avenue
    North Charleston, South Carolina 29406
    Palmer Campus:
    125 Bull Street
    Charleston, South Carolina 29401
    Phone: 572-6111
15. John T. Wynn, *President*
    Williamsburg Technical College
    601 Lane Road
    Kingstree, South Carolina 29556
    Phone: 354-7423
16. Baxter M. Hood, *President*
    York Technical College
    U. S. Highway By-Pass 21-A
    Rock Hill, South Carolina 29730
    Phone: 324-3130

THE DIVISION OF INDUSTRIAL AND ECONOMIC DEVELOPMENT

The Industrial Division of the State Board for Technical and Comprehensive Education offers pre-employment training for new and expanding industry, often called "special schools." A well-trained work force for specific industries has been provided by special schools this year for 73 industries, with 4,967 people trained to meet specific job requirements. Special schools offer both short range and highly specialized training for start-up and expansion of industries across the state.

When an industrial firm considers locating in the state or adding to its facilities, an industrial training consultant from the division is assigned to help the management analyze the staffing needs and prepare a master plan for recruiting, selecting and training workers.

To promote the location of new industry in the state and to help keep industries growing, the division works closely with the State Development Board and other state and local agencies.

The Division of Industrial and Economic Development embodies the overall aim of TEC and its efforts to provide more and better jobs for the people of South Carolina.

The following list shows the special schools sponsored by TEC the past fiscal year.

DIVISION OF INDUSTRIAL AND ECONOMIC DEVELOPMENT

Special Schools
July 1982 through June 1983

Company	*City*	*County*	*Number Trained*
Admiral	Williston	Barnwell	31
Airco Carbon	Ridgeville	Dorchester	14
Alumax	Goose Creek	Berkeley	70
American Scissors	Spartanburg	Spartanburg	46
Anderson Brass	Hartsville	Darlington	37
Avco Lycoming-Greer Division	Greer	Greenville	74
Bausch & Lomb	Greenville	Greenville	16
Bendix	Sumter	Sumter	176
Boise-Cascade	Chester	Chester	100
Braxton Ltd.	Williamston	Anderson	6
Cablecraft	Orangeburg	Orangeburg	20
Carolina Metals	Barnwell	Barnwell	65
Celenese Fibers (PBI)	Rock Hill	York	43
Champion Laboratories	York	York	16
Chivas Products Ltd.	Aiken	Aiken	7
Concorde Fibers	Jamestown	Berkeley	21
Cooper Air Tools	Lexington	Lexington	176
Cooper Energy Services	Spartanburg	Spartanburg	22
Dan River (Beattie Plant)	Fountain Inn	Greenville	48
Dan River (Furman Plant)	Fountain Inn	Greenville	56
Dan River (Liberty Plant)	Liberty	Pickens	103
Darrah Industries	Conway	Horry	33
Dayco Corp.	Walterboro	Colleton	19
Dayco Corp.	Williston	Barnwell	10
Diamond Winter	Travelers Rest	Greenville	35
Digital Equipment Corp.	Greenville	Greenville	73
Dove Knitwear	Andrews	Georgetown	6
DuPont (SRP)	Aiken	Aiken	123
Eurodrive	Lyman	Spartanburg	25
Fabri-Kal Corp.	Piedmont	Greenville	60
FMC Corp.	Aiken	Aiken	112
Greenwood Mills (Blalock #14)	Joanna	Laurens	2
Greenwood Mills (Chalmers #12)	Greenwood	Greenwood	35
Greenwood Mills (Harris Plant)	Greenwood	Greenwood	15
Greenwood Mills (Matthews #3)	Greenwood	Greenwood	67
Greenwood Mills (Plant #10)	Ninety Six	Greenwood	121
Hanes Hosiery	Bennettsville	Marlboro	46
Hess Associates Inc.	Duncan	Spartanburg	12
Homemaker Rugs Inc.	N. Charleston	Charleston	108
International Paper Co.	Georgetown	Georgetown	456
JPM of South Carolina	Winnsboro	Fairfield	33
Klear Knit Inc.	Clover	York	18
Lake City Manufacturing	Lake City	Florence	7
LRC	Richburg	Chester	57
Monsanto	Moore	Spartanburg	231
National Lock	Mauldin	Greenville	119
National Lock Hardware	Spartanburg	Spartanburg	280

Company	*City*	*County*	*Number Trained*
National Twist Drill & Tool	Lexington	Lexington	21
Norris Industries	Newberry	Newberry	279
Orian Rugs Inc.	Anderson	Anderson	11
Palmetto Paper Tube	Hemingway	Williamsburg	10
Phoenix Glove Co.	Andrews	Williamsburg	109
Piedmont Products	Columbia	Richland	27
Pontiac Foods	Pontiac	Richland	83
Rieter Machine Works	Aiken	Aiken	10
Roper Outdoor Products	Orangeburg	Orangeburg	48
Rotron Inc.	Orangeburg	Orangeburg	58
A. O. Smith Corp.	McBee	Chesterfield	193
Spartanburg County Industries	Cowpens	Spartanburg	5
St. Andrews Fancy Yarns	Cowpens	Spartanburg	14
Starflo Corp.	Manning	Clarendon	24
Steel Heddle Mfg. Co.	Westminster	Oconee	19
JP Stevens	Clemson	Oconee	61
JP Stevens	Seneca	Oconee	56
Stouffer Foods	Gaffney	Cherokee	461
Superior Mfg. Co.	Georgetown	Georgetown	43
Sylvia Sportswear	Anderson	Anderson	1
United Technologies	Columbia	Richland	22
WST Material Recovery	Johnsonville	Florence	83
Westinghouse Electric	Pendleton	Anderson	27
Webb Forging	Union	Union	18
Westinghouse Electric Corp.	Spartanburg	Spartanburg	10
Wheelabrator-Frye	Walterboro	Colleton	24
Total Number of Student Trained During This Period			4,967
Total Number of Companies Served During This Period			73

DIVISION OF EMPLOYMENT AND TRAINING

During 1982-83, the State Board for Technical and Comprehensive Education continued to be the primary deliverer of classroom training for the Division of Employment and Training, Office of the Governor, formerly the CETA Division. Since South Carolina is one of the few states with only one prime sponsor, and since the TEC System is the state supported system charged with the responsibility of offering technical training at the postsecondary level, the vast majority of classroom training funded by the Comprehensive Employment and Training Act was subcontracted to the TEC System.

From October 1, 1982 to September 30, 1983, CETA funded more than $6,000,000 in classroom training through the TEC System to prepare 4,500 persons for employment. All of these persons were either disadvantaged, unemployed or underemployed. In spite of the continuing recession, more than 65 percent of these persons were employed following training, while many of them continued their training at a higher technical level.

The Comprehensive Employment and Training Act ended on September 30, 1983 and the Job Training Partnership Act began. Fiscal year 1982-83 was a year of transition and TEC was very involved in the planning for the operation of training funded by the new Act and expects to increase the level of activity significantly. The TEC System and the Division of Employment and Training, Office of the Governor, jointly planned and funded several programs for Dislocated Workers in anticipation of considerable activity in this area in the new Act. Thus, South Carolina was one of the first states in the nation to have programs for Dislocated Workers in operation. Seven programs were in operation several months before the new Act became officially effective.

Developmental education has been an important part of the training system of CETA and a significant impact has been made on the developmental education programs at the TEC colleges by a special grant from the Division of Employment and Training to computerize the developmental education process. A computer to be used in managing the developmental education process has been placed in each technical college and several colleges have received monies to purchase computers for instructional purposes. Funds have also been made available for writing programs which will enhance the use of the computer in the management of developmental education.

This program is designed to meet the needs of disadvantaged and unemployed persons of all levels. Therefore, over 160 courses ranging from an eight weeks retail sales course to a two year associate degree program for nurses were offered during the year.

AIKEN TECHNICAL COLLEGE

Aiken Technical College celebrated its 10th anniversary during FY 1982-83. During that celebration, a new logo was adopted and the alumni association was formed.

Other highlights of the year included graduation of 151 students in September. A graduate followup has indicated 82 percent were either employed or continuing in college.

Aiken TEC's enrollment had no substantial change; however, the business technology division had a 13 percent increase and the industrial division had a 14 percent decrease.

Program development included initiating the associate in occupational technology (AOT) degree during the winter quarter. This degree permits students of diploma or certificate programs to obtain a degree upon successful completion of another year of course work.

The nuclear engineering technology program completed groundwork for expansion to seven quarters in fall 1983. Areas of expansion include computer applications and plant operator skills.

New non-credit programs include a microcomputer literacy course at Kimberly Clark, maintenance man course at the Corps of Engineers, Clark Hill, and Blueprint Reading at E-Z Co.

New federal programs include electrician, developmental work orientation, and the Adult Dislocated Worker Program (the first in the Southeast under Title III's new Job Training Partnership Act).

Three academic programs acquired student-operated computer support. Machine tool now has the Numeridex microprocessor, nuclear engineering technology has a PET Commodore microprocessor and electro-mechanical has PET Commodores. Additionally, a computerized wheel balancer was obtained for the automotive program.

Faculty professional development included a return to industry by the nuclear engineering technology department head, and participation in the Leadership Aiken County program by the dean of instruction. Also, the math department head co-authored an applied math textbook and the management department head was a member on the SACS team that evaluated a North Carolina community college.

The President's Administrative Council, in its second year, conducted an in-depth 'Roles and Relationship' study of internal organization and communication effectiveness.

The Aiken Technical College Foundation established three additional scholarships per quarter. Also, the largest contribution in the history of the Foundation came from J. M. Huber Corporation.

BEAUFORT TECHNICAL COLLEGE

Beaufort Technical College will be expanding its course offerings on Hilton Head Island for the fall quarter 1983. To support the course offerings, the Beaufort Technical College's Hilton Head Center in Pope Greenwood Office Park Building Nine just off Sea Pines Circle was opened. The College has leased office space that will provide an office and two classrooms and a modern computer lab containing 12 microprocessors and 4 printers. Four multiplexers will be linked by telephone to the Beaufort Campus to the Digital VAX 11/750 minicomputer.

The new Hilton Head Center is the second facility used by the college for instructional offerings. The college will continue to offer classes through 1983 in the Hilton Head Beach and Tennis Resort Convention Center where Small Business Training Network and continuing education have been offered in conjunction with the Hilton Head Island Chamber of Commerce and other professional groups. The new expanded schedule will include credit and non-credit offerings.

Beaufort Technical College has purchased a Digital VAX 11/750 minicomputer with Title III funds. The minicomputer is the nucleus for administrative computing for student development, business office, academic affairs, and the office of development.

The State Board and Commission on Higher Education approved two associate degree majors in computer data processing and electronics technology.

The computer data processing program began in the spring quarter 1983 with over 60 students in three computer courses. A new 16-student station instruction lab with modern Digital Computer equipment provides instruction on microprocessors and computer terminals in all of the major computer languages.

The college is currently in the process of establishing a foundation. With the assistance of Title III funds, the college has obtained the services of Harding, Brown, and Associates, Inc., a consultant firm from Atlanta, Georgia. Working together, the consultant firm and the college will seek diversified sources of support from the private sector to assist the mission and goals of the institution.

The summer of 1983 marked the beginning of competency-based instruction for the college. The instructional improvement office is in the process of establishing a professional development resource center and analyzing individual programs for competency-based requirements.

The college has received notification of a three-year grant award from the U. S. Department of Education for an "Upward Bound" program. The college will receive $129,173 during the first year of the program, scheduled to begin in September 1983. The program will serve 50 high

school students the first year in remedial instruction and provide both the facilities and part-time faculty members to serve as instructors and tutors.

CHESTERFIELD-MARLBORO TECHNICAL COLLEGE

During fiscal year 1982-83, Chesterfield-Marlboro Technical College strengthened its private fund-raising capability, expanded educational opportunities in data processing, and obtained federal funds for institutional planning.

To meet an identified need for increased private-sector fund raising, the Chesterfield-Marlboro Technical College Foundation began operations this year. The foundation board of directors met to discuss fund-raising strategies, and various handbooks and brochures were also developed.

Several new microcomputers were added to Chesterfield-Marlboro TEC's data processing lab, providing increased access for students in the rapidly-growing field of computers. A number of microcomputers have also been placed in other locations throughout the campus for student use. Computer training workshops were held during the year for business, industry, local government officials, and public school teachers.

Chesterfield-Marlboro Technical College completed its first year of operation using its new institutional master plan in 1983. The plan, which is updated on a continuous basis, has proven to be a very effective operating tool.

In June 1983, Chesterfield-Marlboro TEC was awarded a Planning Grant from the U. S. Department of Education under the Title III Program, enabling the college to conduct community needs assessments, as well as providing opportunities for staff members to familiarize themselves with modern planning techniques.

Chesterfield-Marlboro TEC brought its courses and services closer to the people of its service area during 1982-83 by teaching several extension courses and workshops in communities throughout Chesterfield and Marlboro Counties. Both credit and non-credit classes were offered, with an excellent response from the public.

The college also provided an opportunity for business and community leaders to see the latest in computerized machine tool equipment while the "Design for the Eighties" machine tool mobile training unit was on campus in the spring of 1983. Guests touring the unit included industrial personnel as well as governmental leaders and news media representatives.

DENMARK TECHNICAL COLLEGE

Denmark Technical College accomplished its major priorities during the year which included improving its information processing capability, renovating its library and learning instructional resource center, increasing enrollment in curriculum programs as well as in continuing education activities, and enhancing its educational delivery system through computerization and recruitment of additional highly qualified personnel.

A VAX 11/730 computer system was installed and operational accommodating both academic and administrative needs. Individualized competency-based AVT laboratory assisted instruction was instituted supporting the accounting and computer data processing programs. This individualized instructional system was operational in the secretarial science, career enhancement and engineering technology programs.

The library and learning instructional resource laboratory were given priority consideration. Funds were expended for library holdings and for the renovation of the learning resource center. In addition, capital improvements included $1.4 million being released by the state for the design and construction of a kitchen-cafeteria.

Improved marketing strategies produced a stepped up campaign which included radios, TVs and newspapers in addition to the use of billboards, brochures, slide presentations and pamphlets. Part of the marketing plan also included a campus beautification project and renovation and refurnishing of student dormitories.

During the academic year, the college served an unduplicated headcount of 1,224 students and generated 773.1 FTEs in credit courses which was up an average of 10.4 percent. The enrollment trends for the year by quarter included 287 for the summer; 748 for the fall; 732 for the winter; and 628 for the spring. The new programs of computer data processing, accounting, human services and general business, which were added to the curriculum during the 1980-81 fiscal year, were highly enrolled and produced their first graduates during the spring and summer quarters. These programs increased the respective FTE enrollment by more than 55 percent over last year. Machine tool technology and climate control technology are also being changed to two-year associate degree programs with the assistance of desegregation funds.

The continuing education division increased activity with industry and generally served an increased number of participants. An administrative assistant was added to assist the dean of the division. CETA received over $71,000 for the year, and for the upcoming year was changed to Job Training Partnership Act (JTPA).

The operational expense budget for the year included a total in unrestricted funds of $2,557,650; $1,428,379 in restricted funds making a

total application of resources of $3,986,029. Revenue of unrestricted funds was $2,826,109 and $1,428,379 in restricted funds, making a total of $4,254,486. The special services for disadvantaged students received $70,872 for the year and was refunded at the same amount for fiscal year 1983-84.

FLORENCE-DARLINGTON TECHNICAL COLLEGE

Florence-Darlington Technical College celebrated its 20th anniversary this year. The year 1983 has seen many changes come about in the physical plant, as well as in the educational operation of the college.

In a called meeting in December by the Joint Bond Review Committee $600,000 was released in capital improvement bonds for improved parking and physical plant. In addition, $150,000 was released in September to bring the total funding to $750,000.

The main thrusts of the new site improvement will be student and employee safety. Upon completion of the project, parking capacity will be increased from approximately 1200 to 2000. Improvements will include parking clusters to provide convenient parking and a new entrance to help with the traffic flow.

Construction is underway at the college with a projected completion date of October 1, 1983.

Florence-Darlington TEC's enrollment has stabilized over the past few years showing only a slight increase each year. This has allowed the college to concentrate efforts in increasing educational quality.

In addition, the college has forged ahead with revising its instructional methodology. During the past three years, 16 of the curricula have completed extensive work in competency-based instruction. The syllabi and teaching techniques have been focused on teaching students the precise information they will need in their employment. The competencies have been developed with considerable input from local business, industry, and health organizations.

To help our students make the transition to the world of work, the college has set up a cooperative education program which identified appropriate business and industry settings where students can work in their area of expertise for a three month period. This experience greatly enhances their opportunities for employment and gives the college direct feedback on the programs from the employers. This program, currently funded by a federal grant, is an effective and valuable experience for our students.

The college works closely with the area vocational schools, career centers, and high schools. During the past three years, Florence-Darlington TEC has developed written articulation agreements with 11

vocational and high schools on 12 different programs ranging from automotive to fashion merchandising. These agreements give high school graduates credit for certain courses of the college.

As Florence-Darlington TEC begins its third decade of technical education, it will be involved in rapid movement toward the implementation of high technology training. The college is preparing for computer-assisted instruction and advanced electronics training in a great number of curricula in the business, engineering, and trades divisions.

Every day it becomes even more evident that the college will need new high technology equipment, expanded facilities, and an increased financial base to serve its constituency. Without these vital ingredients, the community and its industry, business and health organizations will suffer because the college will be hard put to supply the students with the training necessary for employment in the 1980s.

The continuing education division offers a broad variety of occupational and personal interest programs, as well as seminars and workshops on new technology, especially in the energy and computer fields. In excess of 400 programs, involving over 7,800 students, were administered on and off campus during the fiscal year.

This division employs an industrial community coordinator who serves as a liaison between TEC and business and industry within the service area. Our relationship with the world of work has grown considerably. Serving the training needs of business and industry is a priority goal of this institution.

Recently a survey of Florence-Darlington Technical College's graduates was conducted. Over 600 alumni have expressed an interest in participating in an alumni association. A committee, comprised of alumni employed at the college, was formed to draft a set of bylaws and to make application to charter the association. This work was completed on March 10, 1983; the alumni association was officially chartered by the secretary of state.

GREENVILLE TECHNICAL COLLEGE

Major emphasis in 1982-83 at Greenville Technical College was on high quality instruction and the acquisition of equipment necessary to meet the challenges of training in the high technologies. Great advances were made in all areas.

Greenville Technical College is the first college in the United States to install a completely equipped Quintech Instrumentation Laboratory. Since summer 1982, over $350,000 in equipment has been installed, including microprocessor controls, a digital computer, and other instruments, giving the capability to reach all levels of process control from

valve repair to distributed networking. Four delivery systems are now underway with courses for industry, in mechanical engineering technology, electronics engineering technology programs, a concentration in the evening in design engineering technology and as a new specialty within the electronics engineering technology program.

Computer aided design (CAD) equipment was installed during the year and is used in engineering graphics technology, electronics engineering technology, mechanical engineering technology, and in the machine tool resource center. Computervision donated approximately $700,000 of this equipment, with the remaining total of $235,000 in equipment funded through ARC and local funds.

Announcement was made in June 1983 of the consignment by Cincinnati Milacron of a T-10 Horizontal Machining Center, valued at $215,000, to the advanced machine tool resource center. A Cinturn Turning Center, with a value of $250,000, had previously been consigned by the company. Other major equipment in the center now includes three Numeridex computer-assisted programming systems, two Numeridex 4000 manual programmer tape preparation systems, a Tree Turning Center, and a Bridgeport CNC Vertical Milling Machine Series II.

The state-acquired mobile units, with equipment similar to that in the center, were introduced to the public in January when center faculty did the first demonstration for members of the State TEC Board, the State Development Board, and other dignitaries. Workshops and demonstrations have been conducted at various locations in the state for faculty and are being conducted regularly in the center for both faculty and industrial representatives. In addition, certificate programs for CNC operators and CNC programmers are in progress.

Record numbers of visitors from industry, both in and out of state, have been present for demonstrations in the center throughout the year.

With the acquisition of equipment and intensive training of instructors, Greenville TEC now has complete CAD/CAM training capabilities.

Under Title III, a program in computer assisted instruction was developed in adult education and developmental studies. Extensive faculty and staff development with the use of 20 microcomputers in the lab has taken place during summer 1983 with actual instruction for students planned for late 1983. Also under Title III, all curricula are being reassessed in view of requirements for computer applications in all divisions using the DACUM procedure.

Greenville TEC's first on-line registration was held spring quarter 1983. Twenty-three terminals with access to the computer are located in the areas necessary for all registration procedures, with 12 additional terminals and data communications lines to be in service before Fall 1983. The College On-Line Information Network (COIN) System provides on-

line entry and maintenance of application information, on-line creation and maintenance of course schedules, on-line student registration, the ability to maintain and display transcript information, and a wide variety of reports to meet internal and external data needs.

Several new programs have been added during the year. Computer electronics technology, a two-year program for training in maintenance and repair of microprocessors and minicomputers, has had an enrollment that far exceeded expectations. Also, the industrial electricity/electronics program has been expanded from a one-year program to a two-year associate degree program. Both have been the recipients of large equipment donations from a number of industrial firms in the area.

Approval was received for a pharmacy technician program which will serve Greenville, Spartanburg, Anderson, and Greenwood Counties, with representatives from those areas serving on the advisory committee. Classes will begin in Fall 1983 with Greenville TEC and the Greenville Hospital system sharing training and facilities for this nine-month certificate program.

Also, post-ADN critical care nursing courses were offered for the first time. Offered in the evenings, these courses began with a full enrollment in the spring and summer and have a full enrollment for each quarter until early 1984.

The computer programming department has continued to experience growth in space, faculty, and equipment this year. With increased faculty and training space, the department now houses 60 computer terminals interfaced with the Burroughs B1900 computer on campus or the IBM 3081 computer at Clemson University, 18 DEC Rainbow 100 microcomputers with dot matrix printers, and two Apple IIe computers.

In July, announcement was made of major changes in the textile management program, and the textile institute was formed as a separate division of study. Classrooms, laboratories, and offices have been renovated, and new equipment began to be installed in spring 1983. In addition to growing numbers of workshops and seminars, the institute is incorporating many of the high-technology training areas into its curriculum.

The office of Minority Ecomomic Impact in the U. S. Department of Energy announced in August that Greenville Technical College had been chosen as the only institution of higher education in South Carolina to receive a grant for scholarships for honor minority students. The first year of the grant has been extremely successful and the continuation of funding has been approved. Students receiving these scholarships are required to enroll in an energy-related program of study.

Construction has begun on the annex to the engineering technology building with completion expected in late spring 1984. With the upward

spiral of demand for training in the advancing engineering technologies, this expansion will ease overcrowded conditions in classrooms and laboratories and will provide space for the addition of new programs, such as computer graphics, instrumentation technology, and computer aided design.

The college was approved for re-accreditation in December 1982 by the Commission on Colleges of the Southern Association of Colleges and Schools.

Plans for AM84, a major automated manufacturing exposition featuring exhibitions, conferences, and seminars to be held in March 1984 at Textile Hall in Greenville, were finalized in the spring. Greenville Technical College, Piedmont Technical College, Spartanburg Technical College, Tri-County Technical College, the State TEC Board, and Textile Hall Corporation are co-sponsoring this event. The dean of continuing education at Greenville TEC is serving as chairman of the management committee.

HORRY-GEORGETOWN TECHNICAL COLLEGE

A number of significant events have suggested that 1982-83 has been a turning point in the historical development of Horry-Georgetown Technical College. In addition to academic achievements and a successful continuing education program, the implementation of a Title III Grant and the launching of a Capital Fund Endowment Campaign reflected significant steps in a new direction in the life of the college.

In its academic program the college made a number of major curriculum changes. It established a major new thrust by implementing a new electronics engineering technology associate degree program and by establishing and awarding its first two competency-based certificates in climate control technology and culinary arts. In developing these new programs, the college suspended freshman enrollment in electronic servicing technology and industrial electricity and electronics. It also converted the one-year welding diploma to a six-month certificate program.

The continuing education program of the college continued its record service by enrolling more than 4,900 students in on-campus courses, and by offering more than 50 workshops and courses at on-site industrial locations. The division offered a successful new program for dental assistants and established an incredibly successful series of computer courses that involved students from ages nine to adult, in classes from 8 a.m. to 10 a.m.

On October 1, 1982, Horry-Georgetown TEC received its $300,000 Title III allocation and implemented an extensive institutional development program. This grant allowed for the establishment of six new areas

of activity: a management information system office, a career counseling center, a special media oriented mini-lab, an audio-visual services department, a printing services department, and an instructional development program that will lead to the eventual development of competency-based instructional program in all of the college's curriculum areas.

The management information system will involve the development of a computerized data base for the new Digital VAX system that can supply all of the data necessary for making the crucial management decisions that will affect the future life of the college. The career counseling center will offer prospective and current students the possibility of exploring a variety of potential careers and the opportunity of making more effective life commitment decisions. The new mini-lab will offer the faculty a place for exploring the development and utilization of inter-active programs in instruction and will supply a base for working on competency-based instructional programs for their individual curriculums. The audio-visual services department will be heavily highlighted in the career counseling center and will actively assist the faculty with the production of instructional materials. The printing services department will be reproducing a variety of competency-based course packages for the faculty and supplying an ever increasing number of classroom instructional support resources. The instructional development program will continue to offer a series of DACUM seminars for the determination of curriculum criteria and will expand its involvement with the establishment of a number of additional competency-based degree and diploma curriculums.

In March 1983, the area commission of the college concluded an extensive study of the facilities of the institution and adopted a master plan for the future development of the institution. This internal examination was initiated by the college but was conducted by the college of architecture of Clemson University. Through this unique merger of two of the state's academic institutions, the existing facilities of the college were examined, its future role was projected, and 12 different proposals for expansion were developed. Through a series of evaluations, a single plan was adopted for the college, and the basic concept this plan represented has been established as the basis for the future development of the campus.

MIDLANDS TECHNICAL COLLEGE

Midlands Technical College marks its 20th anniversary in 1983. Entering into its third decade, Midlands TEC is dealing with the present problems and preparing for the future.

When the level of unemployment hit an all-time high of six percent in

the Midlands area, Midlands TEC responded with a series of activities designed to assist the unemployed in preparing to re-enter the work force. With WIS-TV and South Carolina Electric and Gas Company as co-sponsors, two seminars entitled "Help In Hard Times" were conducted. These seminars concentrated on helping the jobless with coping, financially and emotionally, with unemployment. Information was provided on career and job retraining opportunities, skill assessment, and career redirection.

Community support for this effort was provided by 20 community agencies which participated, and by local businesses and industries who contributed time, expertise, materials and food services.

As a direct result of the "Help In Hard Times" seminars, Midlands TEC secured federal funds from the Governor's Office, CETA Division, to operate an Adult Retraining Project in the service area of Midlands TEC. The project is designed to serve as a follow-up resource for occupational retraining and redirection for those who attended the seminars and other unemployed.

In March 1983, Midlands TEC received a donation from Champion Road Machinery International Corporation of West Columbia. The item donated was a road grader valued at $100,000. The grader will replace another Champion grader, and will be used for training in the heavy equipment program.

The continuing education division continues to provide learning opportunities for the area. In a three-year period, total enrollment increased 46.5 percent, to a total of 13,032. Continuing education courses are offered not only on the Airport and Beltline campuses and the Harbison Center of Midlands TEC, but are also conducted at the worksite. In this way quality instruction can be provided to the students at the place where the instruction will be put to practical use.

In keeping with its awareness of the importance of computers in all phases of business and industry, Midlands TEC upgraded its computer capacity with the acquisition of a Digital Equipment Corp. VAX 11/780. This system will have a wide range of uses throughout the Midlands TEC community, including student instruction, processing information, research, planning and business functions.

Presently the computer is equipped with eight megabytes (eight million bits of information) of main memory, 513 megabytes of disk storage, a magnetic tape drive and a 600 line-per-minute printer. This storage capacity is the equivalent to the information contained on 1.5 million pages of paper. The $1.1 million purchase was made with funds from Title III, CETA, appropriations from Richland and Lexington Counties and state equipment funds. The main computer is located on the Beltline Campus, with terminals and other computer equipment on the Airport

and Beltline campuses and the Harbison Continuing Education Center.

Midlands TEC continues to place emphasis on the needs of the community and business. By offering specific programs to meet specific goals, as with the "Help In Hard Times" and Adult Retraining Project, the college shows its commitment to serve the community. Continuing education and occupational advancement programs address the needs of the individual and of the business/industrial community. And the community is involved with Midlands TEC through support of student activities and participation on advisory committees and groups.

The support of the business and industrial community is best illustrated, however, in recent statistics that show that 94 percent of the graduates of Midlands Technical College are employed in the local area or are continuing their education at four-year institutions.

ORANGEBURG-CALHOUN TECHNICAL COLLEGE

Orangeburg-Calhoun Technical College added two new associate degree programs during the fall of 1982 — associate degree nursing and forest products technology. The two year ADN program teaches students the nursing procedures needed to be qualified bedside nurses. Students in the forest products technology program, also two years, are trained to work in processing plants which manufacture such forest products as wood, paper, fiberboard, particleboard, and plywood.

The respiratory therapy technician program received accreditation for five years by the American Medical Association's Committee on Allied Health Education and Accreditation.

For the fifth consecutive year, the entire class of practical nursing graduates passed the State Board Examination for Practical Nursing.

Orangeburg-Calhoun TEC was one of the first technical colleges in the state to incorporate the emerging technology of computer assisted drafting (CAD) with its engineering graphics technology curriculum. A Hewlett-Packard computer with eight pen plotter and a graphics package were purchased for instructional use in the program.

Orangeburg-Calhoun TEC set up a comprehensive computer center with a Digital Equipment Corporation VAX-11/750 multi-function computer that has three megabytes of memory. It will have 18 terminals and 15 microcomputers connected to it. The computer system is being used to upgrade student instruction, to aid in student registration, and to keep management files and records for the administration. Computer courses for computer professionals and short courses, credit courses and seminars are being planned for persons in the community who are interested in learning about computers through hands-on experience.

The instructional improvement office of Orangeburg-Calhoun Techni-

cal College began phase III of its instructional excellence plan which continues the commitment to competency-based education into all curriculum areas. The efforts were enhanced by a developmental incentive program which allowed for monies or release time to be awarded to 14 faculty and staff members for their work on approved projects relating to competency-based education. Six DACUM workshops were hosted on campus as a method for establishing program competencies and entry level skills. Two instructors from the technology division returned to industry during a summer exchange program sponsored by the instructional improvement office.

The continuing education division, working with local industries and businesses, developed various in-plant and on-campus programs. Specific industrial upgrading programs in statistical quality control, industrial electricity, basic math, reading, blueprint reading and others were offered. Workshops and seminars of all varieties from the allied health, maintenance, agricultural, industrial and supervisory development areas were presented during the year.

Orangeburg-Calhoun TEC participated with the State TEC Special Schools in providing training for Roper Outdoor Products where 70 people were trained in the production of machine parts for riding lawn mowers. Thirty people were trained for E.G. & G. Rotron in the production of fans for computers and cash registers.

The college began a Displaced Workers Retraining Program in April of 1983. It helped prepare temporarily and/or permanently unemployed persons from Orangeburg, Bamberg and Calhoun counties for re-employment at no cost to the individuals. Applicants received supplemental educational or technical skills training as needed.

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The Orangeburg-Calhoun Technical College Foundation, currently in its sixth year of operation, raised approximately $4,000 in pledges and contributions from 144 faculty and staff members in its third annual fund-raising drive. The Foundation continued its scholarship programs, funded instructional improvement projects, participated with a booth at the County Fair and the Craft Fair, obtained nearly $10,000 in needed supplies and equipment, and solicited substantial funding from the business and industrial community.

PIEDMONT TECHNICAL COLLEGE

Piedmont Technical College served a total headcount of 12,552 in the 1982-83 academic year for an 8 percent increase over the past year. Included in this total were 1,765 FTE in regular curriculum programs; the remainder enrolled in non-curriculum areas such as professional upgrade training, continuing education and community service courses.

High technology and the attendant training needs manifested by the trend have brought the greatest number and most dramatic of changes to the college's curriculum and continuing education schedule. Clearly, the two areas which offer best evidence of the trend are robotics and microcomputer training.

Piedmont TEC's robotics resource center moved into full operation during the 1982-83 year and is now equipped with 12 industrial robots organized into 10 work cells. A full schedule of workshops and seminars continued throughout the year, providing training for the business/industrial community as well as education. Sessions were scheduled at Piedmont and six other technical colleges. Full, one-week sessions which offered hands-on training in the robotics lab were offered during summer and fall quarters as well as one, two and three-day workshops. Free workshops were scheduled for the general public as were tours and individual sessions for area industries. During the spring quarter, the robotics center staff hosted a booth at the prestigious Robot VII exposition. Piedmont TEC was the only educational institution invited to host a booth. Plans for the resource center came full circle this fall as the college launched the state's first two-year curriculum in automated manufacturing technology.

Two new "Microlabs" and the mobile capabilities of 12 Kaypro II's have expanded the college's facility to offer training to every segment of the community and literally put computer training "on the road." New course options have been added for business, industrial, education, service agencies and young people. In the period between September 1, 1982 and August 1, 1983, more than 650 students enrolled in 44 classes for a total of 17,183 contact hours in computer training. The entire faculty/staff at the college was a part of the computer literacy effort, and individual programs have been developed for in-plant presentations at a number of area industries. Micro, keyboarding and word processing courses have been added to regular curriculum programs to bring students on-line with employer needs. A new center for microcomputer education will coordinate courses offered through the continuing education division and further expand the scope and number of courses available.

During the 1982-83 year, the Piedmont Technical College Foundation continued to solicit funds for its "Partners in Progress" campaign, the first such effort in the State TEC System. The campaign, which extended into

each of the college's seven supporting counties, set a three-year goal of $300,000. Contributions are dedicated to high technology training required by area business and industry. By the end of June 1983, approximately 18 months into the campaign, the major gifts campaign had netted almost $364,000, an amount which represents 121 percent of the total goal.

Less than two years into the program, "Partners in Progress" has already made new laboratory equipment available, including microcomputers to be used by the college's center for microcomputer education. The robotics resources center, established through the "Design for the Eighties" program, received an electronic robot through campaign efforts. In addition, the Foundation received a challenge grant during the campaign which allowed the college to establish a microprocessor laboratory. Recently, an area foundation announced a challenge gift for purchase of CAD (computer-assisted design) equipment for the engineering graphics technology program.

As the scope and number of course offerings at Piedmont TEC have grown to meet employer/employee needs, so have the services to students on the campus and special segments of the community at large. Two recent initiatives address specific needs of groups within Piedmont's service region.

The Adult Re-Employment Training program was the first in the state, a model developed to combat high unemployment in Upper Savannah counties. A total of 231 recently-unemployed men and women, most of whom lost their jobs as a result of technological changes, were trained in a variety of areas. Aimed at developing "marketable" skills and qualities required by modern business and industry, the program provided counseling and instruction in such areas as interviewing skills and career development as well as job training. More than 120 have been placed or returned to original jobs.

A different population is the target for the new Women's Center, established under the "Leaders for the 80's" program. A series of workshops are scheduled for the new academic year, with opportunities for the "working woman" and the "re-entry woman." A full range of services are in the planning stages, including counseling and placement.

Combining and augmenting a number of services, the new Personal Skills Center offers scheduled and drop-in opportunities to students, faculty and community residents in such areas as career planning, employability skills, placement, cooperative education and career planning. Other forms of supplemental learning assistance in areas such as retirement and consumer buying are also available.

Additional developments during the past year have resulted in the completion of competency-based instructor guides in a total of 175 key

courses, two faculty and staff training sessions and plans for a statewide training session for technical colleges.

SPARTANBURG TECHNICAL COLLEGE

The highlights and accomplishments of the 1982-83 year at Spartanburg Technical College were many. One of the more noteworthy achievements was the acquisition of property adjacent to the college which was previously occupied by Lockwood Greene Engineers, Inc. The new facility, 44,000 square feet, will be used to house the college's administrative complex as well as to provide classroom space for approximately 500 students. To finance this new building Spartanburg County Council agreed to issue general obligation bonds for 75 percent of the costs and Spartanburg TEC will finance the additional 25 percent. In addition, the college will pay for all renovations.

At the beginning of the academic year all college employees began a series of inservice training workshops, one quarter in length, known as "College Knowledge." Each of the one hour College Knowledge sessions focused on the functions of a specific department or division at Spartanburg TEC. The goal of College Knowledge was to give employees a thorough orientation to Spartanburg Technical College. The results of a post-test, which was given to all faculty and staff, showed that the college's employees had learned much about the school.

The new academic year also saw the addition of the college's first cafeteria operation. Hot meals are now available to students, faculty and staff. Gross receipts for the cafeteria for the first year were approximately $100,000.00.

The 1982-83 year saw a record curriculum enrollment. Total enrollment exceeded 4,000 for the first time in the college's history. During this 1982-83 year, several new curriculum programs were approved and other programs were augmented. Nuclear service technology, medical secretary/transcriptionist, respiratory therapy, and diesel equipment mechanic were approved. Program changes or modifications included the computerization of the accounting lab. Program competencies were added for almost all of Spartanburg TEC's curriculum programs. Hence the college's curricula took one giant step toward becoming competency based. In addition to program additions and revisions, faculty and staff development efforts continued. Thirteen faculty participated in the college's return to industry program by visiting 17 local businesses and industries.

In continuing education, 109,000 contact hours were generated through 280 separate courses. This number includes 45 major training courses for business and industry. Major contracts include Hoechst Fibers,

Monsanto Corporation, and Milliken and Company. Many joint training programs were also conducted between continuing education and the academic divisions of the college. Such programs were conducted for Hoechst Fibers and Monsanto Corporation.

Special schools provided training for the following firms: American Scissors, 46 people; Cooper Energy Services, 22 people; Eurodrive, 25 people; Hess Associates, 12 people; Monsanto Corporation, 231 people; National Lock Hardware, 280 people; Spartanburg County Industries, 5 people; St. Andrews Fancy Yarns, 14 people; Stouffer Foods, 461 people; Webb Forging, 18 people; and Westinghouse Electric, 10 people for a total of 1,124 people trained for new job opportunities.

Support services also had many accomplishments during 1982-83. The implementation of the first level of a three level energy conservation program saved the school in excess of $12,000. The year 1982-83 was also a year where support staff expanded their knowledge of computers; parallel training was held on the automated personnel/payroll system. In addition, all secretaries in the college were trained to use new word processing equipment.

A major emphasis was placed on orienting community leaders to Spartanburg TEC by hosting a series of orientation breakfasts. The president has invited people from industry, business, health care services, cultural organizations and community service programs to have breakfast, tour the campus and get a grasp on the progress of the college. Twenty-five breakfasts are scheduled for 83-84 with 15 to 20 persons expected each morning. Many invitees to the initial breakfasts are expressing their interest in becoming involved in Spartanburg TEC's activities.

The college received a $12,000 donation from the Spartanburg County Foundation and a $10,000 grant from Westinghouse Nuclear Service Corporation to match an Appalachian Regional Commission grant for equipment for industrial maintenance mechanics. Michelin Tire and Mayfair Mills also contributed toward the needed match.

Hoechst Fibers donated $1,000 of equipment to the industrial maintenance mechanics program and Ameron Corrosion Resistant Company donated $1,500 in equipment.

Arrow Automotive contributed a training robot, MICROBOT, to the Industrial Management Department.

The year 1982-83 ended with a bang for Spartanburg Technical College as the College received notice of Title III funding on June 30, 1983. This is the college's first Title III funding. Spartanburg TEC received full funding for one year — a total of $197,600. During year one of the grant, the college will begin to develop a management information system — this includes the purchase of a VAX 11/750. Also, during the

first year the college will use Title III funds to incorporate the use of the computer into seven curricula. For the remaining two years of Title III funding Spartanburg Technical College will continue these two activities and will also pursue other Title III activities in the areas of institutional research, private-sector fund-raising and student testing assessment.

SUMTER AREA TECHNICAL COLLEGE

Based on data compiled by the State Board for Technical and Comprehensive Education for the past four year period, Sumter Area Technical College was the second fastest growing technical college in the state. Sumter TEC had a 33 percent increase in full-time enrollment. During the fall of 1982, 1754 students enrolled in the college.

In September 1982 Sumter Area Technical College was selected for a five-year grant from the Department of Education for the purpose of strengthening instruction and student services of the college. The grant was made under the auspices of the Strengthening Developing Institutions Program. The first year's award was $218,000.

The activities supported by this grant have resulted in significant progress in several of the college's endeavors. In the area of instruction, 48 of the courses were rewritten to follow a competency-based format. Alternate learning modes for students who have difficulty achieving mastery of competencies within a traditional classroom setting were developed for six courses, and a course design evaluation procedure for assessing the effectiveness of competency-based instruction was developed. In the area of student services, an aggressive counseling/advisement program was established to provide services to students on a divisional level.

Sumter Area Technical College was one of 147 colleges to be awarded a Department of Education grant for cooperative education. The $206,800 grant to be stretched over five years, is set up so that each year the college receives less federal support until, at the end of five years, TEC assumes full financial responsibility. Through this program eligible students can work and earn money while attending TEC and earning college credit.

Sumter Area Technical College and the Small Business Development Center of the University of South Carolina at Columbia are co-sponsoring a center located on the TEC campus. As a result of the center locating on the TEC campus, a business consultant from the Small Business Development Center maintained an office at TEC and worked with small business people in the area on a no-charge basis. A series of seminars for owners and operators of small businesses were scheduled co-sponsored by TEC, the Small Business Development Center, and the Lee County Chamber of Commerce.

Through the efforts of the continuing education division, the college completed 567 courses at the main and Shaw Campus locations. Through these courses, 6,322 students participated in some type of upgrading, retraining, or professional development. TEC's computer data processing department and continuing education teamed to create and run computer training on-site for Sumter School District 17 personnel. Similar activities are planned for Wilson Hall School and District 2. Other computer familiarization training for the community has been enabled through the lease of Texas Instrument personal computers. Both adults and children have been served as a result of this.

An increasing awareness of technical educational and employment opportunities in the local area has occurred as a result of graduate course, EDCE-570, taught on the TEC campus for the last two summers. Taught by USC-Sumter faculty and run by USC, the course is designed for area high school teachers and counselors. The course emphasized career and vocational counseling and provided participants with the opportunity to visit local industry, learn about the curriculum and to gain "hands-on" experiences at TEC's facilities.

As part of TEC's "Design for the Eighties" program, Sumter Area Technical College has been designated as one of six resource centers. This water quality resource center will be called the South Carolina Water Quality Institute. The institute will be housed in an 8,000 square foot building and will have a modern, well-equipped laboratory, classrooms, and a small library-learning center.

Sumter Area TEC has begun an institutional self-study process to reaffirm accreditation. The main purpose of this process is the improvement of educational effectiveness in institutions of higher learning. Participation in this program is required periodically of all member institutions of the College Delegate Assembly of the Southern Association of Colleges and Schools (SACS). The process will conclude in the spring of 1985.

An "Emphasis on Excellence" program has been initiated at Sumter Area TEC that will ensure quality technical education for its four county service area of Sumter, Clarendon, Lee, and Kershaw Counties. This program involves seven steps which focus on the college's instructional process. The program demonstrates a comprehensive effort to provide a challenging educational program based on quality in all areas.

Since its establishment in 1978, the Sumter Area Technical College Foundation, Inc., has made a significant contribution to the progress of the college. During 1982-83, the Foundation has provided scholarships to five academically talented students from the four-county area. In addition, through the creation of the Technical Scholars program, the Foundation provided scholarships to 1983 high school graduates ranking in the

top 25 percent of their class. A second project of the Foundation was the purchase of eight micro-computers, which are being used in continuing education and in the computer data processing program, and the purchase of a $17,000 Bridgeport digital read-out milling machine for the machine shop program. In May the Foundation recognized at the annual awards day ceremony 15 students for academic achievement with the presentation of a plaque. At the commencement exercises, the Foundation presented a $250 cash award and a plaque to an outstanding faculty member.

TRI-COUNTY TECHNICAL COLLEGE

Program and campus development produced some of the greatest advancements in the college's 20-year history.

A Title III grant, under the Strengthening Program of the Higher Education Act, provided $313,182 for the college to evaluate programs, develop competency-based instruction in nursing and data processing, introduce computer-assisted instruction, refine student orientation and other student development activities, assess employer needs, and expand other services to the faculty and students.

Although Tri-County had received a number of Title III consortium grants, this was the first one aimed specifically at strengthening Tri-County Technical College. TEC officials expect subsequent grants over a five-year period, when added to the grant this year, to amount to more than a million dollars. The Title III programs make possible the most massive effort in the college's history to improve services to the students and to the tri-county community.

The microelectronics resource center, one of six centers for innovation in the State TEC System, officially opened on April 8 with Governor Riley pressing a computer key to cut a printout. The ceremony introduced the center to leaders from electronics industries throughout the area who were present to see state-of-the-art equipment and learn about services provided by the center. As stated in last year's annual report, the center will train approximately 500 industrial electronics specialists and TEC instructors each year on innovations in the industry and will be a showcase for new equipment in electronics.

While total headcount enrollment was down by about 300 students because of a de-emphasis on personal interest courses, enrollment in occupational advancement programs increased by more than 200 students and FTE hit a record high of 2,297.3 full-time-equivalent students. Due to improved retention, FTE remained above 2,000 each quarter for the first time in the college's history.

Tri-County became the second college in the system to provide on-line

registration, with the information being stored locally and in the system's computer in Columbia.

The college formed the Tri-County Consortium for the Improvement of Career Education to aid 13 schools in the three counties with the development of career education materials. As a result, the schools were able to develop materials that they could not have produced otherwise. The 13 schools, in turn, can now provide improved career guidance services to their students.

Construction on the $1,318,000 Textile & Welding Center was almost complete at the end of the year, and first classes in the 19,000-square-foot structure were scheduled for the fall of 1983. Located at the nucleus of the TEC campus, the center is the only one of its kind in the Southeast. It houses classrooms and labs for two key industries in the Piedmont, textiles and welding.

Other significant accomplishments for the year at Tri-County:

- Introduced computer-assisted instruction in several curricula
- Added college-transfer option in Electronics Engineering Technology
- Expanded in-plant developmental education
- Was cited nationally as one of five colleges offering exemplary industrial training
- Graduated first class of reserve police officers
- Equipped a word processing laboratory
- Signed agreement allowing Central Wesleyan College to offer baccalaureate programs on TEC campus
- Added Computer Data Processing Department
- Began employer needs assessment
- Became ETVs state model for child development training
- Installed electric motor lab in industrial electronics
- Graduated first class of nurses

TRIDENT TECHNICAL COLLEGE

Recent Trident Technical College graduates are already making an impact on the lowcountry economy. Of the college's 1982 graduates seeking jobs, 84 percent were employed within six months after graduation, as indicated by surveys conducted by the college. Nearly 87 percent of Trident's employed graduates reported that they are working within the tri-county service area of the college. Close to 39 percent of the 1982 graduates are earning more than $12,000 a year.

In addition to continued success in placing graduates, many changes have taken place in the past year in the college's administration.

In April the area commission chose a permanent president from a field

of 200 applicants. Dr. William A. Orth became president of Trident Technical College on June 20, 1983.

Preparing students for the technologies of tomorrow's jobs is the goal of a new science program offered at Trident Technical College's Palmer Campus.

Funded through a United States Department of Education grant called MISIP (Minority Institution Science Improvement Program), the Palmer Science Program is in its first full year of academic action. The MISIP grant, which was established to help upgrade the science and math skills of minority students, has enabled Trident TEC-Palmer Campus to purchase modern scientific equipment and five Apple II microcomputers.

Levi Strauss and Company announced an $8,400 contractual agreement with Trident Technical College to provide career counseling and instructional services for the company's employees laid off when the local plant closed at the end of June.

Trident's Center for Adult Retraining provided immediate assistance to the more than 400 unemployed workers through outplacement counseling and refresher courses in basic reading, math and English. Workshops and individual career counseling assisted the workers in finding new jobs or deciding to retrain in other fields. Identifying transferable skills, preparing resumes and reviewing interview techniques are among the topics to be covered at the workshops.

The Coastal Chapter of the Service Corps of Retired Executives presented Trident Technical College with a scholarship added to the college's general scholarship fund.

Alfred DuPlessis, SCORE chairman, presented a check for $525 to A. H. Rampey, TTC interim president, in conjunction with U. S. Small Business Week, May 8 — 14.

SCORE, sponsored by the U. S. Small Business Administration, has 35 members in the Coastal Chapter, SCORE assists small businesses through individualized counseling in areas such as accounting, marketing, data processing, government regulations and financial strategies.

Mary Allen Jolley, vice president for Development at Trident Technical College, was appointed by Governor Richard Riley to serve as a member of South Carolina's State Job Coordinating Council.

The council was established as a result of the Job Training Partnership Act, which was signed into law last fall, replacing the former Comprehensive Employment and Training Act. The council's responsibilities include developing recommendations for sub-state service delivery areas and reviewing the plans of the delivery areas selected. In addition, the Job Council will work toward coordinating the efforts of all state agencies as they interface with employment and training activities and will recommend plans for the Governor's state coordination and special services

activities.

Charleston's Fair Break Center, located in The Business and Technology Center on East Bay Street, opened September 24.

The Fair Break Center is a Project conducted by Trident Technical College, in cooperation with the City of Charleston, City Venture Corporation and the Charleston Higher Education Consortium. Its primary goal will be to elevate the job search skills of East Side residents and make them aware of both employment and educational opportunities in the Charleston area. The Fair Break concept, a comprehensive program being operated in several cities across the country, is designed to remove the barriers standing between the "unemployable" and permanent meaningful jobs.

Control Data's Business and Technology Center, with which Fair Break is closely related, is designed to assist small businesses through providing space and administrative services. The Fair Break Center provides the critical missing link between jobs and the unemployed through educational counseling and job readiness strategies. Computer-based learning systems assist participants in strengthening their skills.

WILLIAMSBURG TECHNICAL COLLEGE

This past year has been very good for Williamsburg Technical College and its geographic area of Williamsburg County. Though the county is basically agrarian in nature, industrial development and additional employment opportunities were enhanced this past year. The college contributed to this industrial development in at least three instances.

The continuing high interest in grants and the success of the college in applying for grants has enabled the college to develop resources which otherwise would not have been possible. The success in acquiring a Title III Developing Institutions grant must rank high on institutional achievements. Through this grant, the college has acquired a VAX 11/750 computer for administrative and instructional applications. This new computer will complement the college's continuing activity in developing computer courses using small, personal computers. Utilizing all of the computing resources, the college was approved by the State Department of Education for teacher recertification in computer literacy and, as a consequence, has trained a large number of teachers in the county. Computer camps for students aged 7 through adult were highly successful, and it is felt that a strong technological base is being developed.

During the year, Williamsburg Technical College completed its Institutional Self-Study required by the Southern Association of Colleges and Schools, Commission on Colleges, for reaffirmation. The college was reaffirmed as an accredited, college-level institution in December by the

Commission on Colleges following an evaluation by a visiting team.

Recognizing the increasing cost of energy, the college submitted a grant which was ranked first among 36 in the state by the Governor's Energy Office for funding by the Department of Energy. This grant was based on a wood-fired, hot water heating system which the college developed through an earlier grant. It is anticipated that significant savings will result from the installation of this new heating system once the grant is approved and funded.

Williamsburg Technical College continues to support local business and industry with a variety of courses. The college has worked closely with local industry in developing courses and programs at the request of local plants.

The college has been active in the Coastal Education Consortium, which serves Horry, Georgetown, and Williamsburg Counties, in conjunction with Horry-Georgetown TEC and Coastal Carolina. The Coastal Education Consortium meets regularly to consider the needs of the educational communities in this area and to provide programs to support those needs.

The college transfer program of Williamsburg Technical College has been favorably received by upper level institutions. Articulation agreements remain in effect, and a close spirit of cooperation and mutual assistance is evident.

Williamsburg Technical College has successfully completed the fourth year of the Upward Bound grant. The Upward Bound grant is designed to serve disadvantaged high school students and encourage these students to take full advantage of postsecondary educational opportunities. A majority of the graduates from the Upward Bound program are now enrolled in postsecondary institutions.

The continuation of the Kellogg grant has doubled the capacity of the college to offer the SIGI (System of Interactive Guidance and Information) counseling process to students. To date, almost one-half of the student body has had access to this advanced technique in career counseling. In addition to students, the college has made this resource available to the public at large and has encouraged high school students especially to take advantage of the opportunity. This contribution by the Kellogg Foundation has had a great impact on the student body in their selection of career opportunities.

The planning continues for the proposed learning resource center. Educational specifications have now largely been completed, and schematic drawings should be available for review shortly. When state bond monies are released, the college should be prepared to move forward on this project with a minimum of delay.

YORK TECHNICAL COLLEGE

Student enrollment in curriculum programs for the 1982-83 fall quarter was up 12 percent over the same period in the previous year at York Technical College. Enrollment for each subsequent quarter reflected sound increases over the 1981-82 year.

York TEC's resource center for computer applications continues to receive national attention from industry and the media as a result of a successful first year start-up program. Workshops have been held locally for faculty and staff. Also, the resource center has completed a number of seminars state-wide within the 16 TEC colleges.

TECNET, a system of computer application with the 16 technical colleges within South Carolina, has been a resounding success. During the 1982-83 fiscal year, the TECNET plan was initiated with procurements of compatible minicomputer systems in 11 of the 16 institutions. These procurements represent approximately four million dollars market value received for less than three million outlay by TEC. The net savings through TECNET was in excess of one million dollars during the first year.

Training programs for faculty and staff, made possible by the application of compatible systems, have been implemented by the center, concentrating on a range of topics from computer literacy to operating systems technology. In-state presentation of these high technology workshops has produced documented savings in excess of forty thousand dollars. Self-paced instructional packages were procured in several subject areas and circulated around the system to effect even greater savings. The sharing of software through TECNET has dramatically saved monies, and the distribution of data entry packages for administrative and academic applications has saved considerable monies.

The resource center promoted during the 1982-83 fiscal year computer-managed instruction in the developmental education area. These are but a few of the many projects promoted, supported and implemented by the resource center for computer applications.

Continuing education programs have focused this past year on one major purpose — to service the citizens of Lancaster, Chester, and York Counties. A wide variety of non-credit courses have been offered serving all ages.

With the rapid growth of enrollment, a ground breaking was held for a new business/medical building. This modern structure will house the entire medical division, business division, computer applications division, developmental education and the library. Through such a facility York Technical College can continue to meet the needs of its service area by assisting industry and the education of its citizens.

APPENDIX A

TOTAL DEGREES AND DIPLOMAS AWARDED IN ACADEMIC YEAR JULY, 1981-JUNE, 1982*

College	Degree Programs	Diploma Programs Two Year	Diploma Programs One Year	Total Graduates
Aiken	83	20	38	141
Beaufort	76	4	45	125
Chesterfield-Marlboro	45	0	9	54
Denmark	59	17	50	126
Florence-Darlington	272	23	92	387
Greenville	502	1	136	639
Horry-Georgetown	138	0	96	234
Midlands	606	0	306	912
Orangeburg-Calhoun	121	0	133	254
Piedmont	222	34	86	342
Spartanburg	194	24	233	451
Sumter	152	11	33	196
Tri-County	288	0	66	354
Trident	498	0	190	688
Williamsburg	19	0	18	37
York	219	0	68	287
Total	3,494	134	1,599	5,227

TEC Department of Planning & Research July 1983.
HEGIS Report 2300-2.1A — Degrees and Other Formal Awards.

APPENDIX B

FULL-TIME EQUIVALENT ENROLLMENTS FOR FY 1978-1979 THROUGH FY 1982-1983 TECHNICAL EDUCATION PROGRAM

College	*Actual FY 1978/79*	*Actual FY 1979/80*	*Actual FY 1980/81*	*Actual FY 1981/82*	*Actual FY 1982/83*
Aiken	916	864	903	895	893.4
Beaufort	946	978	1,030	883	784.7
Chesterfield-Marlboro	483	530	555	583	580.1
Denmark	603	595	676	690	773.3
Florence-Darlington	2,365	2,238	2,269	2,190	2,166.4
Greenville	5,084	4,887	4,892	4,799	5,527.2
Horry-Georgetown	1,174	1,079	1,152	1,179	1,166.4
Midlands	5,081	4,827	5,090	5,391	5,094.6
Orangeburg-Calhoun	1,504	1,381	1,431	1,367	1,237.7
Piedmont	1,635	1,418	1,728	1,704	1,764.8
Spartanburg	1,618	1,607	1,746	1,834	1,870.5
Sumter	1,262	1,433	1,584	1,680	1,649.5
Tri-County	2,035	1,902	2,057	2,246	2,299.2
Trident	5,571	4,715	4,723	5,175	4,783.9
Williamsburg	477	536	465	428	377.3
York	1,460	1,482	1,590	1,745	1,934.9
Total	32,214	30,472	31,891	32,789	32,903.9

APPENDIX C

FULL-TIME EQUIVALENT ENROLLMENT GROWTH WITHIN THE TECHNICAL EDUCATION PROGRAM, FY 1977-1978 THROUGH FY 1982-1983

Cluster Area	*FTE 1977-78*	*FTE 1978-79*	*FTE 1979-80*	*FTE 1980-81*	*FTE 1981-82*	*FTE 1982-83*
Agriculture	584.0	505.0	406.4	385.9	399.3	361.0
Allied Health	2,780.0	2,718.0	2,479.1	2,712.6	2,852.8	3,332.3
Business	11,461.0	11,006.0	10,629.2	10,715.6	10,907.1	11,015.2
Engineering	2,918.0	3,045.0	2,966.6	3,287.3	3,400.5	3,389.5
Industrial/ Occupational	9,877.0	9,395.0	8,715.0	8,997.1	8,580.8	8,012.5
Public Service	2,702.0	2,471.0	2,081.3	2,058.7	1,828.7	1,504.5
AA/AS	2,425.0	2,379.0	2,455.2	2,610.7	2,809.0	2,953.2
Career Dev./Undtd.	697.0	695.0	739.0	1,123.4	2,008.6	2,335.9
Total	33,444.0	32,214.0	30,471.8	31,891.3	32,786.8	32,904.1

APPENDIX D

TECHNICAL AND COMPREHENSIVE EDUCATION ANNUALIZED UNDUPLICATED HEADCOUNT ENROLLMENT 1961-83

Year	*TEC College Enrollments*	*Special Schools Completions*	*Total*
1961-62	.....	475	475
1962-63	1,122	2,190	3,312
1963-64	11,867	2,785	14,652
1964-65	18,659	2,824	21,483
1965-66	32,967	5,044	38,011
1966-67	37,046	5,704	42,750
1967-68	42,146	4,081	46,227
1968-69	59,817	4,419	64,236
1969-70	79,001	4,534	83,535
1970-71	81,415	3,804	85,219
1971-72	81,486	5,403	86,889
1972-73	104,638	5,054	109,692
1973-74	93,650	3,759	97,409
1974-75	111,541	2,902	114,443
1975-76	115,825	2,622	118,447
1976-77	122,121	2,826	124,947
1977-78	142,058	1,725	143,783
1978-79	145,168	2,580	147,748
1979-80	154,158	3,545	157,703
1980-81	162,602	3,793	166,395
1981-82	164,503	4,708	169,211
1982-83	154,276	4,967	159,243

Source: TEC Management Information System; includes Technical Education, Continuing Education, Community Service, restricted State and federal programs.

APPENDIX E

ENDING FALL UNDUPLICATED HEADCOUNT ENROLLMENT — ALL PROGRAMS FALL 1976 THROUGH FALL 1982

College	*1976*	*1977*	*1978*	*1979*	*1980*	*1981*	*1982*
Aiken	1,265	1,473	1,690	1,784	1,944	1,818	1,928
Beaufort	1,456	1,441	1,536	1,681	1,763	2,006	1,933
Chesterfield-Marlboro	1,257	1,545	1,463	1,687	1,721	1,706	1,603
Denmark	833	843	719	600	669	619	791
Florence-Darlington	4,631	3,912	4,226	4,456	5,299	4,627	4,318
Greenville	7,376	9,770	8,912	11,891	12,349	12,526	10,717
Horry-Georgetown	1,513	1,817	1,885	2,389	2,374	2,526	2,581
Midlands	6,294	7,572	7,861	7,829	8,638	9,853	9,349
Orangeburg-Calhoun	2,658	3,269	3,240	3,391	3,139	3,210	3,578
Piedmont	4,050	4,685	4,468	4,511	5,548	5,001	5,572
Spartanburg	3,268	3,527	3,174	2,957	2,730	3,326	3,786
Sumter	2,167	2,637	2,769	2,897	3,249	2,970	3,193
Tri-County	5,288	6,632	5,393	5,716	6,664	7,753	7,364
Trident	7,091	7,457	7,511	8,005	8,696	8,811	8,616
Williamsburg	1,453	1,758	1,576	1,637	833	1,095	1,882
York	2,146	2,528	2,279	2,518	3,008	3,101	3,201
South Carolina Fire Academy	NA	893	567	696	1,173	1,642	1,192
Total	52,746	61,759	59,269	64,645	69,797	72,590	71,604

Ending Fall Quarter 'All Programs' includes Technical Education, Continuing Education, Community Service, restricted State and federal program activity reported through TEC's Management Information System.

APPENDIX F

HEADCOUNT ENROLLMENT BY CLASSIFICATION STATUS AND SEX
TECHNICAL EDUCATION PROGRAM
FALL 1982

College	Full-time Students				Part-time		Unclassified		Total
	Freshman		Sophomore						
	Men	Women	Men	Women	Men	Women	Men	Women	
Aiken	250	164	84	39	232	128	68	58	1,023
Beaufort	100	217	72	43	184	159	147	120	1,042
Chesterfield-Marlboro	130	153	59	34	90	94	50	54	664
Denmark	200	200	49	42	38	23	73	113	738
Florence-Darlington	463	477	168	146	282	291	145	352	2,324
Greenville	1,519	1,430	383	439	989	1,014	182	218	6,174
Horry-Georgetown	342	286	165	70	257	182	13	25	1,340
Midlands	1,328	1,355	425	427	1,262	1,044	24	78	5,943
Orangeburg-Calhoun	330	397	95	61	197	162	115	51	1,408
Piedmont	368	458	198	174	267	166	20	58	1,709
Spartanburg	481	500	191	102	281	159	139	199	2,052
Sumter	387	516	166	85	288	133	76	136	1,787
Tri-County	624	562	267	137	377	386	102	160	2,615
Trident	962	1,079	324	379	1,827	1,580	0	0	6,151
Williamsburg	99	103	34	9	42	44	14	40	385
York	466	530	150	134	392	310	91	116	2,189
Total	8,049	8,427	2,830	2,321	7,005	5,875	1,259	1,778	37,544

TEC Department of Planning & Research, HEGIS 2300-2.3B — July 1983.

APPENDIX G

ANNUALIZED UNDUPLICATED HEADCOUNT ENROLLMENT IN TECHNICAL COLLEGE PROGRAMS FY 1977 THROUGH FY 1983

College	*FY 1977-78*	*FY 1978-79*	*FY 1979-80*	*FY 1980-81*	*FY 1981-82*	*FY 1982-83*
Aiken	3,804	3,453	3,281	3,681	3,504	4,198
Beaufort	2,859	3,530	3,877	4,219	4,303	3,564
Chesterfield-Marlboro	3,136	5,165	5,823	6,249	4,790	4,326
Denmark	1,450	1,170	849	913	914	1,202
Florence-Darlington	11,173	9,775	9,567	11,486	9,253	9,663
Greenville	21,639	22,910	28,185	29,941	30,758	21,760
Horry-Georgetown	3,356	3,646	4,798	5,275	5,634	6,165
Midlands	14,797	16,547	16,636	18,567	21,713	20,064
Orangeburg-Calhoun	7,792	7,337	9,009	6,706	6,788	7,081
Piedmont	10,102	10,790	11,755	11,280	11,556	12,609
Spartanburg	8,076	7,664	7,129	6,507	6,560	6,446
Sumter	6,108	6,177	6,825	8,418	6,865	7,569
Tri-County	15,090	13,694	13,123	16,134	16,776	16,434
Trident	16,030	16,321	16,924	16,910	18,199	16,765
Williamsburg	2,845	2,676	2,357	2,027	2,603	3,051
York	4,836	4,999	4,898	5,348	6,189	5,724
Comprehensive/Manpower Program	5,600	5,860	5,563	5,058	4,350	4,475
Special Schools	1,725	2,580	3,545	3,793	4,708	4,967
South Carolina Fire Academy	3,365	3,454	3,559	3,883	3,748	3,180
Total	143,783	147,748	157,703	166,395	169,211	159,243

(Includes enrollments/participants in All Programs: Technical Education, Continuing Education, Community Service, restricted State and federal programs. Special Schools and Comprehensive Manpower are shown by program. Special Schools Data represent completions.)

APPENDIX H

TEC SYSTEM STUDENT CHARACTERISTICS FISCAL YEAR 1982-1983

	Headcount	*Percentage*
I. *Veteran Status*		
A. Vet GI Bill	9,179	15.82%
B. Vet Non-GI Bill	0	0.00%
C. Non Veteran	48,835	84.18%
D. Not Specified	0	0.00%
Total	58,014	100.0%
II. *Classification*		
A. Freshman	37,645	64.89%
B. Sophomore	20,369	35.11%
C. Unclassified	0	0.00%
Total	58,014	100.0%
III. *Ethnic Group*		
A. Black	15,192	26.19%
B. White	40,513	69.83%
C. Indian American	165	0.28%
D. Spanish Surname	274	0.47%
E. Oriental American	403	0.69%
F. Foreign	200	0.34%
G. Not Specified	1,267	2.18%
Total	58,014	100.0%
IV. *Sex*		
A. Male	29,637	51.09%
B. Female	28,377	48.91%
C. Not Specified	0	0.00%
Total	58,014	100.0%

APPENDIX I

STATE TEC SYSTEM
UNDUPLICATED HEADCOUNT ENROLLMENT
BY COUNTY
FY 1982-1983
(TECHNICAL EDUCATION PROGRAM)

County	*Total*	*County*	*Total*
Greenville	8,233	Newberry	300
Charleston	6,347	Colleton	288
Richland	5,946	Marion	275
Spartanburg	2,865	Cherokee	264
Anderson	2,429	Kershaw	263
York	2,417	Barnwell	247
Sumter	2,327	Hampton	229
Lexington	2,192	Union	223
Berkeley	2,140	Calhoun	198
Florence	1,715	Dillon	175
Pickens	1,692	Fairfield	167
Orangeburg	1,636	Lee	164
Dorchester	1,512	Edgefield	150
Aiken	1,429	Saluda	140
Horry	1,373	Allendale	108
Beaufort	1,292	McCormick	108
Greenwood	1,189	Jasper	102
Oconee	976		
Darlington	762	Total in State	56,989
Chesterfield	739	Out of State	318
Laurens	727	Foreign	109
Williamsburg	687	Unknown	598
Georgetown	581	Total	58,014
Marlboro	475		
Lancaster	464		
Chester	407		
Bamberg	368		
Clarendon	360		
Abbeville	308		

APPENDIX J

PERCENTAGE OF 18-64 AGE POPULATION ATTENDING TECHNICAL COLLEGES BY SERVICE AREA — FY 1982-1983 (TECHNICAL EDUCATION & CONTINUING EDUCATION PROGRAMS)

Technical College	*No. Of Students Attending TEC From Respective Service Area*	*18-64 Age Population*	*Percentage Of 18-64 Age Population Served*
Aiken	2,877	63,241	4.55%
Beaufort	1,726	77,574	2.22%
Chesterfield-Marlboro	2,677	39,181	6.83%
Denmark	535	27,187	1.97%
Florence-Darlington	6,272	101,183	6.20%
Greenville	15,634	179,599	8.70%
Horry-Georgetown	4,055	85,546	4.74%
Midlands	15,952	265,429	6.01%
Orangeburg-Calhoun	4,038	54,611	7.39%
Piedmont	10,410	120,893	8.61%
Spartanburg	4,410	122,787	3.59%
Sumter	6,915	100,777	6.86%
Tri-County	13,406	160,656	8.34%
Trident	16,419	269,367	6.10%
Williamsburg	902	20,787	4.34%
York	2,943	65,096	4.52%
Total TEC System	109,171	1,753,914	6.22%

(Note: 18 To 64 Age Group Based On 1980 Census Data Provided By The Department Of Research And Statistical Services. Excluded From This Report Are 6,285 Students Not Identified By County Of Residence.)

APPENDIX K

TEC STUDENT TUITION & FEES
FISCAL YEAR 1983-84

College	In-County		Out-of-County		Out-of-State		Out-of-Country	
	Full Time Per Quarter	*Part Time Per Hour*	*Full Time Per Quarter*	*Part Time Per Hour*	*Full Time Per Quarter*	*Part Time Per Hour*	*Full Time Per Quarter*	*Part Time Per Hour*
Aiken	$150.00	$12.00	$150.00	$12.00	$220.00	$18.00	$220.00	$18.00
Beaufort	$175.00	$13.50	$175.00	$13.50	$250.00	$19.75	$250.00	$19.75
Chesterfield-Marlboro°°	$167.50	$13.96	$185.00	$15.42	$260.00	$21.67	$480.00	$39.99
Denmark	$175.00	$12.50	$175.00	$12.50	$250.00	$12.50	$250.00	$12.50
Florence-Darlington	$200.00	$17.00	$250.00	$21.00	$325.00	$28.00	$600.00	$50.00
Greenville	$155.00	$15.50	$172.50	$17.25	$287.50	$28.75	$677.50	$67.75
Horry-Georgetown	$175.00	$15.00	$175.00	$15.00	$350.00	$30.00	$525.00	$45.00
Midlands	$250.00	$21.00	$325.00	$28.00	$500.00	$42.00	$625.00	$53.00
Orangeburg-Calhoun	$165.00	$13.75	$198.00	$16.65	$248.00	$20.65	$248.00	$20.65
Piedmont°°	$175.00	$15.00	$210.00	$17.50	$260.00	$22.00	$260.00	$22.00
Spartanburg	$135.00	$12.00	$170.00	$15.00	$270.00	$24.00	$405.00	$36.00
Sumter	$180.00	$15.00	$204.00	$17.00	$288.00	$24.00	$600.00	$50.00
Tri-County	$160.00	$13.00	$160.00	$13.00	$316.00	$26.00	$316.00	$26.00
Trident	$175.00	$15.00	$215.00	$18.00	$350.00	$30.00	$610.00	$51.00
Williamsburg	$125.00	$11.00	$125.00	$11.00	$125.00	$11.00	$645.00	$54.00
York	$132.00	$10.00	$159.00	$12.00	$264.00	$20.00	$264.00	$20.00

Compiled By Department Of Student Services From Data Submitted By Deans Of Students. Updated August 23, 1983.

°° See Page 2°°

Variable Student Fees For In-County Students

Piedmont Technical College

In-County Student Fees	Deg. & Dip. Full-Time	Degree Part Time	Diploma Part Time
Saluda	$185.00	$15.50	$9.00
Abbeville	$195.00	$16.25	$9.50
Newberry	$195.00	$16.25	$9.50
Edgefield	$185.00	$15.50	$10.00
Greenwood	$195.00	$16.25	$10.00
Laurens	$195.00	$16.25	$10.00
McCormick	$185.00	$15.50	$10.00

Chesterfield-Marlboro Technical College

In-County Student Fees	Deg. & Dip. Full-Time	Part-Time Per Hour
Chesterfield	$160.00	$13.33
Marlboro	$175.00	$14.58

APPENDIX L

STATEMENT OF FUND SOURCES AND CURRENT FUND EXPENDITURES FISCAL YEAR 1981-82

Source of Funds		
State Appropriations		$54,850,575
Federal Funds		1,109,469
Student Fees		16,488,707
County Appropriations		7,622,472
Auxiliary Enterprises		6,308,467
Other		2,303,986
Total Unrestricted Source of Funds		$88,683,676
Restricted Funds		
Federal		$20,256,279
Other		582,041
Total Restricted Source of Funds		$20,838,320
Current Unrestricted Fund Expenditures		
I. Administrative		
Personal Service	$1,224,588	
Other Operating Expense	376,839	
Equipment	1,485	
State Employer Contributions	187,002	
Total Administration		1,789,914
II. Technical Education Institutions' Operation		
A. Institutions		
Personal Service	$44,572,319	
Other Operating Expense	26,488,238	
Transfers/Equipment	4,597,627	
State Employer Contributions	6,739,098	
Total Institutions		$82,397,282
B. Central Data Processing		
Personal Service	$238,974	
Other Operating Expense	665,603	
Equipment	66,102	
State Employer Contributions	39,590	
Total Central Data Processing		$1,010,269

C. State Fire Academy			
Personal Service	$238,477		
Other Operating Expense	116,016		
Equipment	773		
State Employer Contributions	31,240		
Total State Fire Academy		$386,506	
D. Design for the 80's			
Personal Service	$180,659		
Other Operating Expense	102,660		
Equipment	9,208		
State Employer Contributions	24,680		
Total Design for the 80's		$317,207	
Total Tech Educational Institutions' Operation			$84,111,264
III. Industrial Services			
Personal Service	$1,778,585		
Other Operating Expense	759,493		
Equipment	69,820		
State Employer Contributions	174,600		
Total Industrial Services			$2,782,498
Total Current Unrestricted Fund Expenditures			$88,683,676
Current Restricted Fund Expenditures			$20,838,320

APPENDIX M

TECHNICAL EDUCATION INSTITUTIONS CURRENT FUND UNRESTRICTED REVENUES AND PROGRAM EXPENDITURES FISCAL YEAR 1981-82

		% of Education and General
Revenues		
Education and General		
Student Fees	$16,488,707	22%
County Allocation	7,622,472	10%
State Operating Allocation[1]	48,727,824	64%
Other	3,249,812	4%
Total Educational and General	76,088,815	100%
Auxiliary Enterprises	6,308,467	
Total Unrestricted Revenue	$82,397,282	
Program Expenditures		
Educational and General		
Instruction	$31,805,813	41%
Academic and Student Support	11,452,738	15%
Plant Operations and Maintenance	10,228,158	13%
Administrative and General	18,996,343	25%
Local Capital Acquisitions/ Transfers	4,597,627	6%
Total Educational and General	$77,080,679	100%
Auxiliary Enterprises	5,316,603	
Total Program Expenditures	$82,397,282	

[1]Includes Employer Share.